What is claimed is:

1.   A method for delivering content to a mobile device from a network site
where the mobile device and network site may each employ different communication
protocols, programming and mark-up languages, and/or natural language formats relative
to each other, the method comprising:
    receiving a communication from a mobile device corresponding to a request for
content from a network site;
    identifying a communication protocol, a programming and mark-up language, and
a natural language format employed by the mobile device;
    determining which of the identified communication protocols, programming and
mark-up languages, and natural language formats differ between the mobile device and the
network site;
    modifying the content in regard to whichever of the communication protocol,
programming and mark-up language, and natural language format of the content differs
between the mobile device and the network site such that each of the communication
protocol, programming and mark-up language, and natural language format of the
converted content matches the communication protocol, programming and mark-up
language, and natural language format of the mobile device; and
    transmitting the converted content to the mobile device in the communication
protocol, programming and mark-up language, and natural language format of the mobile
device.

2.   A method according to claim 1, further comprising identifying a
communication protocol, a programming and mark-up language, and a natural language
format employed by the network site prior to determining which differ.

3.   A method according to claim 1, wherein identifying a communication
protocol, a programming and mark-up language, and a natural language format employed
by the mobile device comprises accessing a database comprising communication protocol,
programming and mark-up language, and natural language format properties of different
types of mobile devices.

1 4. A method according to claim 1, wherein identifying a communication

2 protocol, a programming and mark-up language, and a natural language format employed

3 by the network site comprises accessing a database comprising communication protocol,

4 programming and mark-up language, and natural language format properties of different

5 network sites.

1 5. A method according to claim 1, wherein identifying a communication

2 protocol, a programming and mark-up language, and a natural language format employed

3 by the network site comprises querying the network site.

1 6. A method according to claim 1, wherein identifying a communication

2 protocol, a programming and mark-up language, and a natural language format employed

3 by the mobile device uses a serial number, device ID, or useragent and other request

4 header information of the mobile device to make the identifications.

1 7. A device for delivering content to a mobile device from a network site

2 where the mobile device and network site may each employ different communication

3 protocols, programming and mark-up languages, and/or natural language formats relative

4 to each other, the device comprising:

5 computer executable logic taking a communication received from a mobile device

6 corresponding to a request for content from a network site and identifying a

7 communication protocol, a programming and mark-up language, and a natural language

8 format employed by the mobile device;

9 computer executable logic for determining which of the identified communication

10 protocols, programming and mark-up languages, and natural language formats differ

11 between the mobile device and the network site;

12 computer executable logic for modifying the content in regard to whichever of the

13 communication protocol, programming and mark-up language, and natural language

14 format of the content differs between the mobile device and the network site such that

15 each of the communication protocol, programming and mark-up language, and natural

16 language format of the converted content matches the communication protocol,

17 programming and mark-up language, and natural language format of the mobile device;
18 and
19   computer executable logic for causing the converted content to be transmitted to
20 the mobile device in the communication protocol, programming and mark-up language,
21 and natural language format of the mobile device.

1   8.   A device according to claim 7, further comprising logic for identifying a
2   communication protocol, a programming and mark-up language, and a natural language
3   format employed by the network site.

1   9.   A device according to claim 7, wherein the logic for identifying a
2   communication protocol, a programming and mark-up language, and a natural language
3   format employed by the mobile device accesses a database comprising communication
4   protocol, programming and mark-up language, and natural language format properties of
5   different types of mobile devices.

1   10.   A device according to claim 7, wherein the logic for identifying a
2   communication protocol, a programming and mark-up language, and a natural language
3   format employed by the network site accesses a database comprising communication
4   protocol, programming and mark-up language, and natural language format properties of
5   different network sites.

1   11.   A device according to claim 7, wherein the logic for identifying a
2   communication protocol, a programming and mark-up language, and a natural language
3   format employed by the network site queries the network site.

1   12.   A device according to claim 7, wherein the logic for identifying a
2   communication protocol, a programming and mark-up language, and a natural language
3   format employed by the mobile device uses a serial number, device ID, or useragent and
4   other request header information of the mobile device to make the identifications.

1   13.   A device according to claim 7, wherein the logic for converting the
2 communications to be exchanged is capable of converting the communication between at
3 least two different protocols.

1   14.   A device according to claim 7, wherein the logic for converting the
2 communications to be exchanged is capable of converting the communication between at
3 least three different protocols.

1   15.   A device according to claim 7, wherein the logic for converting the
2 communications to be exchanged is capable of converting the communication between at
3 least two different programming and mark-up languages.

1   16.   A device according to claim 7, wherein the logic for converting the
2 communications to be exchanged is capable of converting the communication between at
3 least three different programming and mark-up languages.

1   17.   A device according to claim 7, wherein the logic for converting the
2 communications to be exchanged is capable of converting the communication between at
3 least two different natural language formats.

1   18.   A device according to claim 7, wherein the logic for converting the
2 communications to be exchanged is capable of converting the communication between at
3 least three different natural language formats.

1   19.   A device according to claim 7, wherein the logic for identifying a
2 communication protocol, a programming and mark-up language, and a natural language
3 format employed by the mobile device uses a serial number, device ID, or useragent and
4 other request header information of the mobile device to make the identifications.

1   20.   A device according to claim 7, wherein the logic for converting the
2 communications to be exchanged is capable of converting the communication to be
3 exchanged between program languages selected from the group consisting of, for example,
4 HDML, WML, HTML, MML and CHTML.

1   21.   A device according to claim 7, wherein the logic for converting the
2   communications to be exchanged is capable of converting the communications between
3   natural language formats for countries and geographic regions selected from the group
4   consisting of, for example, Japan, United States of America, Korea, China and Europe.

1   22.   A device according to claim 7, further comprising computer executable
2   logic for providing a user interface by which a range of different mobile devices which
3   may access content from the network site may be defined.

1   23.   A device according to claim 7, further comprising computer executable
2   logic for providing a user interface by which a range of different mobile devices which
3   may access content from the network site may be defined based on the natural language
4   format employed by the mobile device.

1   24.   A device according to claim 7, further comprising computer executable
2   logic for providing a user interface by which a range of different mobile devices which
3   may access content from the network site may be defined based on the programming and
4   mark-up language employed by the mobile device.

1   25.   A device according to claim 7, further comprising computer executable
2   logic for providing a user interface by which a range of different mobile devices which
3   may access content from the network site may be defined based on the communication
4   protocol employed by the mobile device.

1   26.   A device according to claim 7, further comprising computer executable
2   logic for providing a graphical user interface to enable the rapid development of mobile
3   applications by aiding the process of aggregating instruction sets to be executed in
4   batches.